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VOL. XXXII

WORCESTER POLYTECHNIC INSTITUTE WORCESTER, MASS., TUESDAY, MAY 20, 1941

NO. 11

TECH NEWS



REPORTERS!
Assignments in
TECH NEWS
Office
Tuesday at 4:15

Tech Council Presents Athletic Charms To Distinguished Upperclass Athletes

Six Mementos Awarded For Football; Only Seven Given For Other Sports

The Tech Council has announced its annual awards to Seniors who have distinguished themselves in athletic participation. Mr. Ralph Fritch, chairman of the presentation committee, has given out the list of men receiving charms. They are:

Football: Donald Atkinson, of Hartford, Conn., a member of S. P. E.; Albert Bellas, of Worcester, also of S. P. E.; Harry Kingsley, of Worcester, A. T. O.; George Knauff, of Avalon, Pa., of P. S. K.; Robert Wilson, member of P. S. K., from Longmeadow; and Captain Elmer Scott, S. P. E. All the men are seniors.

Golf: William Bosyk, from Ludlow, a senior; and Peter Gaidis, from Nashua, N. H., a member of T. K. P.

Swimming: Walter Kennedy of Pelham Manor, N. Y., member of T. K. P., and John Ingham of Ludlow, of A. T. O.

Soccer: Russell Parks, from Cincinnati, Ohio, member of P. G. D., and Donald Smith of Delmar, N. Y., a member of P. S. K.

Track: Hector Cameron of Middletown, Conn., member of P. G. D. fraternity.

NEIAA Names Carpenter As President Again

At the annual meeting of the Eastern Intercollegiate Athletic Association held on Friday the officers for the coming year were elected. Professor Percy R. Carpenter was re-elected president of the Association.

It was agreed that a representative of the institution winning the Eastern Intercollegiate Track Meet should be made first vice president; the runner-up would have the privilege of naming the second vice president. Tufts College, winner of the track meet, named Henry Dussault as first vice president; University of Connecticut, runners-up, chose Ivan Fuqua second vice president. L. L. Derby of Mass. State was re-elected secretary-treasurer.

Next year the E. I. C. A. A. track meet will again be held at Tech's Alumni Field.

Kennedy and Hopkins Develop Propeller Characteristics In Aero Research Lab.

After several weeks' work Walter B. Kennedy, Jr., and Stephen Hopkins, both Seniors, have completed their thesis work in Aero lab. For their research Kennedy and Hopkins attempted to determine a method for obtaining characteristic curves for the performance of propellers. Other thesis groups have studied this subject before, but no other group has ever met with the success which Kennedy and Hopkins have attained.

Obtain Good Results

The wind-tunnel apparatus in which the experiments have been conducted was originally made by Instructor Frank S. Finlayson as a student here. The set-up has been changed and improved since then by other groups. In their report, Hopkins and Kennedy are plotting the thrust coefficients, the

Carlyle A. Atherton Addresses A.S.C.E. On Europe's Trouble

Prominent Alumnus Draws from 15 Year Fund of European Experience

Speaking before the student chapter A. S. C. E. on Monday, May 12, Carlyle A. Atherton, '19, stated that though American engineers abroad may not receive the monetary return which their fellow engineers at home do, they do receive something which compensates for this—an understanding of foreign peoples and a profound broadening of their ideas.

The speaker had spent the last fifteen years in Europe and recently returned after the dissolution of the lamp cartel of which he was technical advisor. Atherton gave a short history of his career leading up to the present time and including some interesting events which occurred during his stay abroad.

Speaking on the present situation abroad, he said, "There are certain ideologies which will never be reconciled by any peaceful means and therefore must be settled by drastic action. When it came to a question of settling the matter of industrial standardization in certain European industries, it was not the totalitarian states who would not agree; but the democracies with America as the leading non-conformist."

Earlier in his talk, Mr. Atherton stated that he had been asked on three occasions to give up his American citizenship but had refused each request. In spite of this, he calls himself an "internationalist." In his opinion, the only solution to the world-wide problems as they exist today, is that solution which will eventually bring about a world of one nation.

Previous to this discussion, the annual banquet was held in Sanford Riley Hall at 7:00 p.m. Following the banquet, the chapter retired to the Social Room in Alden Memorial and held election of officers. David L. Hartwell, was elected President; Francis J. Oneglia was elected Vice President; Robert P. Seaton and Behrends Messer, Jr., were elected Treasurer and Secretary.

An informal discussion in which the war in Europe was discussed was held following Mr. Atherton's talk.

Saunders And Borup Place In Aero Meet

On Saturday and Sunday, May 10 and 11, the New England Intercollegiate Flying Club held a meet under the sponsorship of the Greenfield Chamber of Commerce at the Turner's Falls Airport. Tech was represented in the competition by Dave Saunders and Ronald Borup, who compiled enough points to give Tech a third place tie in the meet. The teams competing were from Yale, Amherst, Worcester Polytechnic Institute, Harvard, Williams, Dartmouth, Smith, and Mass. State, and they finished in that order.

The three events held on Saturday consisted of 180 degree and 360 degree spot landings, and bomb dropping. The bomb dropping consisted of dropping a small bag of flour at a target on the ground while flying at an altitude of 500 feet and at cruising speed. As the pilot had to fly the plane and drop the bomb, both at the same time, this event was quite tricky.

Tech Begins To Score

Sunday, however, the Tech flyers found their wings and, in the free approach spot landing event, Saunders took second and Borup followed him to take third place. In the bull's eye spot landing, Dave Saunders again came through with a second place. The Tech birdmen failed to place in the last two events which included a navigation test and a scavenger hunt. In the navigation test the students were required to estimate the time to fly to Athol airport and return. They then flew the course, about thirty miles, without the aid of time pieces; the man finishing nearest to his estimated time was declared the winner.

Peel Prize Final To Be Audited by Big Industrialists

The finalists in the annual Peel Prize Competition have been chosen, and on Friday, May 23rd, at four P.M. in Boynton 19 the finals will be held. Prominent Worcester industrialists will serve as judges.

The contestants, three in number, will be: Ralph A. Fraser, Ch.E., who will speak on "Investigation of the Houdry Process for Catalytic Cracking of Petroleum"; David F. Nyquist, M.E., who will speak on "The Use of Skids in Freight Handling"; Raymond Wynkoop, Ch.E., who will speak on Improved Economy of Refinery Operation."

Each of these men will be allowed twenty minutes to propound and defend his plan before the judges and audience. Each must defend his proposal from the criticisms of the audience. The winner of this final contest will be announced at Alumni Day, June 14th.

FREE MOVIES

Alden Memorial will be the scene of two pictures on Wednesday at 4:15 o'clock. Students and Faculty are invited to attend—free of charge.

"Pleasure Time," featuring Fred Waring, and "Tobacco Land" will be shown.

Thirty-seven Scholarships Have Been Awarded To Incoming Freshman Class

Civil Department Shows Action Shots of Bridge Collapse

Lorenz's Certified Film On the Mississippi River Rounds Out Program

At 4:15 on Tuesday afternoon, the entire student body and staff were invited to witness the showing of two films by Professor Fillion of the Civil Engineering Department. These were standard 35 mm. films, and were projected from the new equipment in Alden Memorial. The films were "The River," by Pare Lorenz, and action shots of the collapse of the Tacoma Bridge.

The picture, "The River," was the main feature, and was intended to supplement Professor Fillion's lectures on geology. Professor Fillion had told in his lecture about the tremendous amount of soil erosion in America, and this picture was ample proof of it, even though it showed the destruction in but one section of the country, the Mississippi River Valley.

"The River" is a story of the exploitation of this important river valley. When the early settlers first broke ground there, it was a heavily-wooded section, along with broad plains where abundant grass stood. The tributaries were well regulated by nature, and disastrous floods were unknown. But men must capitalize on everything, and the forests were hewn down and the plains plowed into furrows for cotton. With nature's restrictions removed, the tributaries went rampant; they swelled the Mississippi and almost ruined the towns and cities which the felled trees had built. The government has realized the seriousness of this problem and vast sums of money are being spent to restore the forests and grass plains.

Tacoma Bridge Disaster

Probably many have seen the news reels of the collapse of the Tacoma Bridge. They are perhaps the most remarkable action shots of the destruction, by the force of wind, of a major engineering structure ever filmed. Miles Roth, '44, operated the projectors, and ran this film through twice. The picture was provided with a sound track, and the sound equipment at the back of the stage gave an excellent account of itself. The lower classmen can look forward to many fine motion pictures in the years to come and will soon realize that no college of comparable size boasts better theatrical equipment.

Seniors To Receive Navy Commissions

Commander Harlow T. Kays of the First Naval District headquarters today will induct four members of the Senior Class into the Naval Reserve as ensigns. Francis J. Boyle, Stanley J. Majka, Richard G. Mayer, and Russell W. Parks will receive ensign's commissions in the engineering department.

The induction will be held at 4:15 in the Green Room of Alden Memorial. Interested students are invited to attend the ceremony. President Cluervius will assist in the induction.

Eight Are \$1600 Special Continuation Grants; Taylor Wins WCAA Award

It has been officially announced that thirty-seven prospective members of the incoming freshman class have been awarded scholarships.

The recipients of the scholarships are: Richard L. Bailey, Jr., Washington, D. C.; Edward C. Berndt, Norwalk, Conn.; Harry G. Bosyk, Ludlow Mass.; Carl C. Clark, Auburndale, Mass.; Douglas B. Esten, Rockland, Mass.; Harold Fleit, Claremont, N. H.; Howard D. Gerring, Yonkers, N. Y.; Wilbur F. Hammond, East Hiram, Me.; John T. Hegeman, Westfield, N. J.; John B. McMaster, Hinsdale, Mass.; Donald E. MacPherson, Erie, Pa.; Bertrand C. Mills, Albany, N. Y.; Hugo L. Norige, East Hartford, Conn.; George L. Powell, Baldwin, N. Y.; Warner C. Sturtevant, Springfield, Mass.; Edward I. Swanson, Providence, R. I.; Albert P. Talboys, Buffalo, N. Y.; Phillip V. Tarr, Jr., Gloucester, Mass.; Richard T. Walsh, East Hampton, Conn.; Sidney B. Wetherhead, Springfield, Vermont; Daniel D. Whitecraft, Jr., Washington, D. C.; and Henry P. Zani, Wellesley, Mass.

\$1600 Scholarships

Sixteen hundred dollar awards were won by: Richard W. Allen, Moors-town, N. J.; Robert F. Burns, Brookford, N. J.; Joseph D. Carabino, Brooklyn, N. Y.; John W. Fondahl, Washington, D. C.; Clark O. Hanley, Butler, N. J.; Robert M. Neuneister, Rye, N. Y.; Robert N. Rea, Pelham, N. Y.; and Harry W. Sandberg, Hartford, Conn.

Seven Worcester residents were also awarded scholarships. They are: (Continued on Page 4, Col. 3)

Haszard Appointed Aviation Cadet

The Naval Aviation Selection Board announced that Harry A. Haszard has received his appointment as an aviation cadet after completing his training course at the naval air base at Squantum, Mass.

"Hap" Haszard was a member of the Class of 1941 and was a member of Phi Gamma Delta Fraternity. While at Tech he was on the football squad and a letterman on the golf team.

"Hap" has left for advanced flight training at a base in either Florida or Texas. Upon the completion of a seven months' course at this station, he will be commissioned as an Ensign in the Naval Reserve or a Second Lieutenant in the Marine Corps Reserve.

Tech Newman Club To Hold Elections

The last meeting of the Newman Club of W. P. I. for the year 1940-1941 will be held on next Wednesday at 7:30 P.M. in Alden Memorial. Every member in good standing should make a special effort to attend.

The nominating committee, the first under the new constitution and by-laws, consisting of Walter B. Kennedy, Jr., chairman, James E. McGuinnis, and Edwin M. Ryan will submit a report. Elections and installation of the new officers will follow.

The Rev. Daniel Cronin, chaplain of the club, will be the installing officer.

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Editorials

Written Words and the Engineer

A written word, a spoken word—words, words, groups of words—they are humanity's most effective means of communicating ideas from person to person. Diagrams, sketches, blueprints, and the like present vivid mental impressions, but there is always the inevitable need for amplifying the pictorial suggestions with words. In politics, in business, in industry, and particularly in engineering, a mastery of one's mother tongue is a pre-requisite to success.

The ability to conceive innovations of any kind is worthless without some talent for elucidating ideas and illustrating their value. Evidence in the form of examples and testimony of men with broad experience proves the pressing need among members of the engineering profession for the facility of expressing ideas both clearly and concisely.

The efficiency demanded by engineering practice requires the elimination of all superfluous and extraneous material from reports and a precise summation of material pertinent to the subject at hand. Anything beyond the bare essentials of a problem or idea means wasted time on the part of both writer and reader.

But the written report is only a stepping-stone to conditions involving greater finesse in expression. The task of defending an idea or an assumption verbally, demands spontaneous clarity of expression and a faculty for presenting material to an audience. Statements must be brief and convincing, while ideas must be clear and well organized.

Student Support

This issue of the TECH NEWS contains a message from President Cluverius relative to the lack of support given the musical and dramatic groups on the campus. The President's message might be amplified to include the Debating Club.

Every effort is made in the curriculum of the Institute to impress students with the importance of speaking ability in engineering fields. The well-spoken word is rapidly becoming the criterion for advancement to responsible positions in industry and business. And yet, students and faculty alike indicate no desire to foster oratorical ability either by participation or by attending debates.

Year after year the Debating Club struggles along with only a handful of members and audiences of two or three for each debate. The educational value of the debating program deems it to be worthy of more enthusiastic support.

Perhaps a show of enthusiasm by the administration would touch off a spark of interest among the students. Since most of the student support for extra-curricular activities appears to be governed by fraternities, a few more fraternity points might attract the attention of the student body. With an allotment for travelling to other schools for debates, and some well-directed publicity, it should be possible to awaken more zeal for debating. At least it is worth consideration.

Letters to the Editor

1. **TECH NEWS** will publish all letter received from contributors providing:—

- The name of the writer is known to the editor (a pen name may be used).
- The letter is not lengthy.
- The writer does not become slanderous.

2. Drop your contributions, sealed in an envelope, in **TECH NEWS** box, Boynton Hall.

3. **TECH NEWS** welcomes all student, faculty and alumni comment.

To the Editor—

The Press, in reporting the concert of the Musical Clubs of our college, said that "a fine programme was enthusiastically received by a moderate size audience." I wish to amplify that statement by saying that those who were not present at that concert Saturday evening last missed an evening of cultural pleasure made possible by the successful efforts of Tech men and their guest singers.

The same lack of support of both the Masque which gave a splendid play recently and of the Musical Clubs is not warranted. They mean a lot to the campus and reflect much credit on the student body in which the individual student shares.

I bespeak the interest of the NEWS in this matter.

Watt Tyler Cluverius, Pres.

To the Editor:

Two years ago, a man very dear to the hearts of all who knew him left this campus for a long, long journey. Today we have many objects which are a continual reminder of the fine character of the late Admiral Earle. Foremost among these reminders is the Earle Bridge connecting the West campus with the East Campus. This bridge was donated by the Class of 1890 to honor a man they knew so well.

However, it seems that others do not retain the same idea. On the bottom of the bridge, near the West base, there has appeared during the past year the work of an impromptu artist. Fortunately, it may be said that the black paint that appears there is not the work of one of the students who knew Admiral Earle intimately. Nevertheless, that paint is desecrating one of the most beautiful memorials the college possesses. It may be all right for numerals to appear on sidewalks and other insignificant places but the Earle bridge is more of a building than a bridge; and it would certainly look funny to see the buildings around Tech painted crimson, grey and black.

So in the future, I suggest that paint be left off the Earle Bridge. It leaves a stain that cannot be removed.

Respectfully yours,
A STUDENT.

Golfers Drop Close Trinity Match After Defeating Clarkson

The Tech golfers came to life this past week and won a match from the Clarkson Tech squad on tour from upper New York, trouncing them 5-1. Then, on Friday, the boys died out again by falling before the Trinity shooters to the same score.

Wednesday proved to be a perfect day for golf, the first which the golfers have had all season, and the boys took advantage of it. They proceeded to turn in some fine scores which the fellows from Clarkson couldn't match. Jack Durkee's 84 was low for the day. All the other members of the team were in the immediate vicinity of Jack's 84. Clint Hellig, Bill Bosyk, and Vic Thulin all had 87's.

Bill Bosyk lost to Crandell, 2-1, while Durkee beat Rees, 4-3. Bill and Jack combined to win the best-ball event from their opponents, 3-2. Vic Thulin and Clint Hellig got all three points

Fraternity News

PHI GAMMA DELTA

On Saturday, May 10th, Pi Iota Chapter of Phi Gamma Delta held its annual Pig dinner which was attended by over eighty alumni from all parts of the nation. This event marked the celebration of the chapter's fiftieth year on Boynton Hill. The feature speaker was Cecil J. Wilkinson, executive secretary of the fraternity, who gave a very inspiring talk on various aspects of the national organization.

This chapter, the first fraternity to be established at W. P. I., was founded largely due to the efforts of Archibald MacCullagh, a student at the University of Pennsylvania and a member of the fraternity at that institution. MacCullagh was a resident of Worcester and on his visits home became acquainted with many of the Tech students. On one of these occasions he suggested to two of his friends the idea of forming a Phi Gam chapter at W. P. I. These two men, Albert E. Culley, '92, and Hugh M. Southgate, '92, were very much impressed with the idea, and with MacCullagh's advice

available in their match. Thulin won over Smith, 5-4, Hellig took Lafley, 4-3, and they combined to take the doubles match easily, 5-4.

Friday, however, was a different story. The Tech men journeyed down to West Hartford, to play the Trinity golfers. The weather was good, but this time it was of no help to Tech. The boys didn't exactly find the course to their liking, it being much too flat. After playing on a somewhat hilly course in all the other matches, the boys found it hard to judge distances. The Trinity boys were hot that day, and as a result, only Captain Bill Bosyk won his match. He beat Predergast brilliantly in an extra-hole match by chipping into the cup. Hellig lost to Cormier, 4-3, and together he and Bill lost a hard fought doubles match, 2-1. (Continued on Page 4, Col. 3)

and suggestions, they picked seven other students upon returning to college in the fall and petitioned Phi Gamma Delta for a charter. The charter was granted and on November 20, 1891, the charter was established.

During the first year all the meetings were held in Boynton Hall, but in the scholastic year 1892-'93 the chapter occupied the house at 7 Highland Street. However, this house was not suitable for use as a fraternity house and in the year of 1894-'95 the chapter was moved to 7 Everett Street. Later, with the aid of the alumni, the chapter built a new house on the corner of Salisbury and Boynton Streets. This new home was occupied on October 1, 1899, and since then it has been the home of Pi Iota.

LAMBDA CHI ALPHA

Lambda Chi had an enjoyable house party for Soph Hop dates with a full week-end of social activity. Chapters for the week-end were Mr. and Mrs. Imbry Packard of Providence, Rhode Island.

Saturday afternoon a picnic was held at Mt. Monadnock, N. H., where softball and mountain-climbing were in order during the afternoon with a picnic supper in the evening. After the picnic, the couples returned to the house for an informal house dance.

A.S.C.E. to Hold Meeting; Students To Give Talks

The student chapter of the A. S. C. E. will hold its last meeting of the year on Wednesday, May 21, at 7:30 p.m. in Alden Memorial.

At this meeting, students will speak on term papers which they have presented in their course in abstracts.

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Sports Sidelights

By Ed Peterson

Twenty-eight years ago a record was established in the two-mile run. Nine minutes and fifty-seven seconds was the mark set by J. W. Armour back in 1913. Since then all other Tech records in track and field events have fallen, with the exception of the broad jump record, which stands as it was made in 1910. On Saturday, however, an even second was clipped from the two-mile mark by Hector Cameron, as he won easily over the field at the Eastern Intercollegiate. It was his last appearance in competition on the cinders at Alumni Field, and in establishing the new record of 9:56, Cameron made a fitting climax to his running career at Tech, first as a miler and now as a two-miler. Experienced coaches who witnessed the feat were unanimous in the opinion that the time would have been faster had there been more competition, for the second place Bob Wheaton of Connecticut trailed the winner by a good fifty yards at the finish. Next Saturday,

when the N. E. I. A. A. meet is held at M. I. T., the field may be stronger, and in that case the record may fall again, but time alone will decide that. . . . Ed Dugger and Walter Hall, the two-man track team from Tufts, had themselves a real time on Saturday in leading their team to victory in the meet at Alumni Field. The two had a total of five firsts and two seconds between them. Dugger established a new meet record of 14.6 seconds in winning the 120-yard high hurdle event, and also took firsts in the 100-yard dash and the broad jump, as well as a second in the 220. Hall won the 220-yard low hurdles and the 440, and followed his teammate in the high hurdles. . . . Don Blount, Dartmouth's ace jumper who won both the high jump and the broad jump at the Penn Relays earlier this year, repeated this performance on Saturday at the Ivy League meet at Princeton. In the high jump he tied his own record, made conjointly with Murdock of Cornell last year, clearing the bar at 6 feet, 3 1/2 inches, and in the broad jump he did 24 feet 6 5/8 inches, just one-eighth of an inch under the mark which he established two years ago.

Four Fraternities Are Tied for First Place As Baseball Draws To a Close

Phi Sig, Sig Ep, T.X., and Lambda Chi Battle For Title in Home Stretch

The Interfraternity baseball games of the past week saw one important upset. That was between Sig Ep and Theta Chi. On Tuesday afternoon Sig Ep defeated Theta Chi, creating a very unusual situation. There are now four fraternities tied for first place, Lambda Chi, Theta Chi, Sig Ep, and Phi Sig are all in first place. It looks as if fraternity baseball is going to have an exciting finish.

The summaries of the games of the past week are as follows:

S.P.E. — A.E.P.

On Sunday Sig Ep won an easy victory over A. E. P. A. E. P. was badly handicapped by having only enough men for the team and no extras. Yearance pitched for Sig Ep and Asher for A. E. P. The one-sided tilt resulted in an 11-0 victory for Sig Ep.

S.P.E. — T.X.

This was easily the outstanding game of the series, and was the game which put four teams in first place. Gibson drove out a double in the third inning which brought in the first score of the game for Sig Ep. In the fourth inning nothing happened, but in the fifth Theta Chi rallied and drove in two runs to take the lead. Then Gibson came to the fore again and drove in Lotz with the tying run. In the sixth Stinson opened with a triple and Cahall drove him in to give Sig Ep

the game and Theta Chi its first defeat of the season.

Phi Sig — A.T.O.

The final game of the week was played Sunday morning between Phi Sig and A. T. O. After three men had gone down in order for A. T. O., Phi Sig broke through with a four-run rally to leave no doubt as to their intentions of holding their tie for first place in baseball. Green was on the mound for A. T. O. Jim Hinman, on the mound for Phi Sig, held the opposition to one scratch hit until the fifth inning. Then A. T. O. made a determined bid for the game. They scored two runs and the tying runs had crossed the plate as a long fly was pulled in for the final out. The final score was 5-3 in favor of Phi Sig.

P.G.D. — A.E.P.

Phi Gam downed A. E. P. 11-6. Higgins and Asher started on the mound for Phi Gam and A. E. P. respectively, but both pitchers had to be relieved. Phi Gam got away to an early lead but A. E. P. pulled up on them. A late rally by Phi Gam cinched the game.

S.A.E. — A.T.O.

Twitcheil twirled A. T. O. to a 10-4 victory over S. A. E. Carroll was on the mound for S. A. E.

T.K.P. — L.X.A.

On Wednesday Lambda Chi held their position in a tie for first place with a 10-6 victory. Theil and Parzick pitched.

Three Records Shattered In NEIAA Meet

Dugger and Hall Best Meet Records; Cameron Topples School Time

The Tufts track juggernaut, sparked by the colorful Ed Dugger, crushed all opposition to take the annual Eastern Intercollegiate Track Meet held at Alumni Field on Saturday. Two meet records fell as Tech played host to seven other teams of the Eastern Intercollegiate Athletic Association. Dugger, Tufts' colored star, clipped 4 seconds off the old record when he led the field over the 120-yard high hurdles course in the remarkable time of 14.6. Hall, also, a Tufts man, chipped 2 seconds off the 220-yard hurdles record when he topped the timbers in :24.8. Sharing the limelight with Tufts' stars is Hector Cameron, who, despite the wind, shattered the school record for the two-mile event, coming in in 9:56. Handicapped by a lack of weight men, and inconvenienced by the loss of the Freshmen, the Tech team placed sixth.

Dugger Piles Up Points

Early in the meet Dugger began to pile up points for Tufts. Breaking the former record, he took the 120-yard high hurdles easily. His teammate, Hall, was second over the finish line; Don Smith crossed fourth. Dugger won the next event, the 100-yard dash, but Ekstrom and Smith gave him a good race. Ekstrom ran second, Smith, third.

Cameron Wins

Hector Cameron walked away from the rest of the field in the two-mile run. He ran a brainy race, using Wheaton of Connecticut as a wind-break for seven laps before finally surging ahead to set a new school record. His time for the eight laps was 9:56.

Bob Wilson earned another two points for Tech in the next event, taking third place in the 880-yard run. Dugger then nosed out Ekstrom, the Tech sprint man, for second place in the 220-yard dash. Farnsworth's fourth place in the broad jump concluded Tech's scoring for the day. Yes, Dugger took first in the broad jump, too!

Freshmen Run

Although it had no place in the scoring of the meet, the Freshman medley relay was run in connection with the meet. The Tech Freshmen placed third in this race, as all four men ran well. The Tufts team won in 3:42.6; Mass. State was second. For Tech, Sid Stayman ran 440 yards, Bob Patterson and Wally Underwood ran 220 yards, and Gordy Sherman ran a half mile.

The Johnstone-men earned no points at all in the weight events. In the track events they scored 15 of their 16 points. . . . Except for a light South wind, the day was perfect for the meet. . . . Tech felt the loss of its Freshman track men. Staymen, Underwood, Cogoli and Sherman might have changed the score quite a bit.

The summaries:

100-yard dash—Won by Dugger (T); 2nd, Ekstrom (W); 3rd, Smith (W); 4th, O'Connor (Mass). Time :10.6.
220-yard dash—Won by Mott (Ver.); 2nd, Dugger (T); 3rd, Ekstrom (W); 4th, Flandreau (T). Time :22.8.
440-yard dash—Won by Hall (T); 2nd, Valente (T); 3rd, Bateman (C); 4th, Butler (M). Time :31.0.
880-yard run—Won by Bowen (Conn.); 2nd, Nickerson (C); 3rd, Wilson (W); 4th, Henley (BU). Time 2:00.2.
One mile run—Won by Tribou (Conn.); 2nd, Pontney (Mass.); 3rd, Brunetti (C); 4th, Goodie (BU). Time 4:28.6.
Two mile run—Won by Cameron (W); 2nd, Wheaton (Conn.); 3rd, Robbins (Conn.); 4th, Quincy (C). Time 9:56. (New school record.)
120-yard high hurdles—Won by Dugger (T); 2nd, Hall (T); 3rd, Pratt (C); 4th, Smith (W). Time :14.6. (New E. I. C. A. record.)
220-yard low hurdles—Won by Hall (T); 2nd, Bates (M); 3rd, Floring (BU); 4th, Brainerd (Continued on Page 4, Col. 1)

Tech Trackmen Trounce Terriers B.U. Swamped With 72-63 Score

W.P.I. and Trinity Deadlock In Five Inning Skirmish, 5-5

McNamara Drives in Four Counters Before Shower; Steers Checks Tech Bats

Rain was a bugaboo to the baseball nine on Saturday when they travelled to Hartford to tangle with Trinity and the game was washed out in the opening half of the sixth frame with the score tied at five-all. This was Tech's bid for the third victory of the season, and Pete Bigler's charges were heading on the trail to victory when old Jupe Pluvius stepped in to halt the proceedings.

Big Tom Landers, sophomore hope, was on the mound for the Boynton Hillers and doing a neat job of it despite some spotty fielding on the part of his mates. The twirling of relief hurler Frank Steers for the Trinity nine was air-tight, once retiring the side without scoring a run after runners had reached second and third with none out.

McNamara Stars

Frank McNamara continued to be a thorn in the side of opposing W. P. I. hurlers by rapping out two bingles at crucial moments to bat four runs across the platter, while Don Atkinson returned to his second base post in time to chase across the fifth run and also helped himself to two bingles. Richey and Beidler supplied the thunder for the home team by garnering two hits apiece.

The opening inning saw Tech jump to a three-run advantage at the expense of starting pitcher Ned O'Malley. Dick Jasper started the ball rolling after one out by drawing a free ticket and was promptly chased around to third when Harry Kingsley singled sharply to right field and went to second on the throw-in. McNamara came through with his first base-knock to account for the first two tallies. Scott grounded to the pitcher for the second out, McNamara taking second. Atkinson slashed a sharp grounder just inside the third base bag for the third run, but the scoring ended as Ed Lipovsky grounded to the shortstop for the third out.

Trinity Scores

Trinity tallied once in their half of the frame when Beidler singled after two outs and scored on a ringing triple to right center by Harris, who was tagged out as he overslid the bag. W. P. I. picked right up where they left off in the first frame as Al Bellos greeted O'Malley with a single to right and continued on to second as the ball was booted around momentarily. Bill Carroll reached first on a bobbie by the third sacker and Kingsley drew a pass to load the sacks. McNamara then applied the hickory to send two more mates scurrying across the plate before the inning was ended.

Not to be outdone, the Trinity team came back with two more scores in their chance at bat with the aid of a walk, and an error sandwiched in between two singles. Another run was chalked up in the third when Viering delivered a single with Beidler on second.

Steers Shines For Trinity

Steers took up the pitching burdens for Trinity in the third and was promptly greeted with a double into left center by Scott. Atkinson grounded to the shortstop who tried to nip Scott (Continued on Page 4, Col. 2)

Don Smith Earns 18 Points For Tech; Sets Record

The Tech track team invaded Nickerson Field Monday, May 12 to take Boston University, 72-63. All afternoon the scoring was in favor of B. U. but after the dashes Tech began to close the gap and held the Terriers to a one point lead for four events. Finally Coach Johnstone began entering anybody in anything with such good results that Tech bettered her previously best times and drew even with B. U. Then with herculean efforts by Ferguson, Saarnijoki, and Wiley, the Boynton Hillers forged ahead to a nine-point victory, the more surprising because the winning points were garnered in Tech's weakest events.

Smith Beats Stayman

The high spots in the afternoon's program were when Don Smith entered the hundred to beat Sid Stayman, then entered the 220 to force Stayman to a 22-4 win by three feet. Not content with beating the unusually fast veterans in the dashes, Smith took his own events, the high and low hurdles, breaking the Tech record for the highs by 2-10 second. Don broke the record once before at Trinity by 4-10, but the judges ruled it unofficial because of a supposed tail-wind. In the low hurdles, a B. U. man was leading Don by half a stride on the third from last hurdle. He tripped and rolled under Smith's feet, missing getting spiked by inches. Then on the next hurdle Herlihy (B. U.) tripped and dove into the track, leaving Smith in first and Schoen in second with the field way back. On the last obstacle, Schoen sat on the top bar and went to the cinders on his knees, immediately arose and finished third. The first B. U. man down was so hopelessly thrown that he walked off the track while his teammate got up from the next hurdle and leaped the last one for second place.

(Continued on Page 4, Col. 1)

Northeastern Whips Tech In Slugfest, 12-6

Khederian and Pajonas Slap Homers for Huskies; Jasper Leads W.P.I. Rally

Three home runs, two by Steve Khederian and one by Al Pajonas, were enough to give the Northeastern Huskies a 12-6 victory over Tech's baseball team at Alumni Field last Thursday. The Huskies had three big innings, scoring six in the third, three in the fourth, and three in the ninth. Ray Matthews went the route for the Biglermen and pitched good ball with the exception of those three bad innings. Northeastern pitchers wore a path from their bench to the mound as six pitchers worked for the Huskies.

Northeastern's big third inning was featured by a home run with two men on by Al Pajonas, which was followed by another round tripper with one man on by Steve Khederian. The other run in that inning came as a result of two singles and a sacrifice.

The Huskies' three runs in the fourth came via three singles, a stolen base, and a hit batsman. In the ninth, Steve Khederian topped off another three run outburst with his second four-base blow of the day, a mighty smash over Al Bellos' head in center field.

Tech started off fast, and at the be- (Continued on Page 4, Col. 1)

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Tufts Tops N.E.I.A.A.

(Continued from Page 3, Col. 3)

(T). Time :24.6. (New E. I. C. A. A. record.) High jump—Won by Price (T); 2nd, tie between Wall (Mass), Conley (Conn.), Davis (BU), and Grosvenor (Ver.). Height 5 ft. 10 1/2 in.

Broad jump—Won by Dugger (T); 2nd, Mase (BU); 3rd, Flandreau (T); 4th, Farnsworth (W). Distance 21 ft. 10 in.

Pole vault—Tie for first between Rosen (Conn.), Thompson (C), and Cass (Conn.); tie for fourth between Hoffer (T), Dewsnap (BU), Vreeland (Ver.) and O'Connell (Ver.). Height 11 ft.

Discus—Won by Lebednik (C); 2nd, Squire (Ver.); 3rd, Parker (Ver.); 4th, Gage (Ver.). Distance 124 ft.

Javelin—Won by Natti (BU); 2nd, Lundrigan (M); 3rd, Daly (Ver.); 4th, Nichols (Ver.). Distance 181 ft. 8 in.

Shot put—Won by Untenbun (Conn.); 2nd, Wittlin (M); 3rd, Mover (BU); 4th, Lebednik (C), and Stabile (BU) (tie). Distance 42 ft. 2 1/4 in.

Hammer throw—Won by Stella (Conn.); 2nd, Lebednik (C); 3rd, Olmstead (Conn.); 4th, Squire (Ver.). Distance 135 ft. 2 1/4 in.

Final scores:
Tufts College 43 1/4
University of Connecticut 37 1/6
Colby College 19 5/6
University of Vermont 17
Boston University 16 1/4
Worcester Tech 16
Middlebury College 10
Mass. State 5 1/2

B.U. Downed 72-63

(Continued from Page 3, Col. 5)

Ekstrom, Wilson and Cameron Win

In order to hold the Terriers to within striking distance on the scoreboard, Tech had to outdo herself. The 220 was swept by Stayman, Smith, and Ekstrom, in that order, with the time unusually fast. The quarter was won by dark horse Lee Ekstrom who entered at the last minute; time 52:1. Bob Wilson was forced to outdo himself and turn in a 2:22 for the 880. In the two-mile, Hector won but failed to beat the record through lack of competition. Winslow paced Cameron closely until the fourth lap, when Hector opened up. Winslow held his stride and continued to gain on the field until he looked back over his shoulder on the first turn in the sixth lap. As he turned, he spiked the wooden curb, fell forward and skidded to a stop on his knees. Immediately arising he resumed his pace and successfully battled a pressing bid by B. U. men, who were encouraged by the accident. In the high jump Underwood bettered his mark by another inch but was defeated when Williams (B. U.) made 5'10" on his last jump with the bar vibrating precariously. In the javelin, Jim Ferguson made a throw that would have won easily at

Huskies Win 12-6

(Continued from Page 3, Col. 5)

ginning it looked like a different story. Two bases on balls, a sacrifice by Harry Kingsley, and an intentional pass to Frank McNamara filled the sacks with one out in the first. However, starting pitcher Foster got the next two men to retire the side.

Tech continued to threaten in the second and did get a run home. With one out, Bellos tripped to right field and Matthews walked. When the second baseman fumbled Carroll's ground ball, Bellos scored. Matthews went to third on a wild throw to first. Jasper walked to fill the bases, and that was the end of the first of Northeastern's pitchers. Colle, a lefthander, came in, and Kingsley promptly smashed a line ball to short only to have it hit Bill Carroll on the foot. This made two outs and bases still loaded. McNamara struck out ending the rally.

That was all the scoring by Tech until their big four run eighth inning. With two out, Bellos reached first on a fielder's choice and Matthews and Carroll walked. At this point the fifth Northeastern pitcher came in. Dick Jasper, first man to face the new twirler, slapped a long double to right center to clear the sacks. Harry Kingsley followed with a single to score Jasper. That was all the scoring as Scott was retired on a foul fly.

Jasper, Stone and Kingsley each had two hits for Tech. This was Tech's fourth defeat as against two victories.

Trinity Tied In Rain

(Continued from Page 3, Col. 4)

at third, but the runner was safe when Harris was injured on the play and dropped the ball. Atkinson stole second when play was resumed, but Steers rose to the occasion by whiffing Lipovsky, Bellos, and Landers to squelch the threat.

The tying run was produced by the home team in the fourth frame on a base on balls and two singles, while both sides were retired without a threat in the fifth. It was in the initial half of the sixth frame when the field became cast in dark shadows by heavy overhanging clouds, and Bellos was retired on a dribble to the pitcher. A downpour quickly followed Big Tom's first base hit of the season and the game had to be called.

Score:

Trinity					Tech				
ab	h	po	a		ab	h	po	a	
Richey cf	2	2	0	0	Carroll lf	2	0	2	0
Madama 2b	3	0	0	1	Jasper rf	1	0	0	1
Beidler ss	3	3	2	3	Kingsley ss	2	1	2	0
Harris 3b	3	1	1	0	McNamara				
Viering					lf	3	2	5	0
lb, c	2	1	7	2	Scott c	3	1	3	1
D'Malley					Atkinson 2b	3	2	2	3
p, lb	3	0	3	2	Lipovsky 3b	3	0	1	2
Mulcahy					Bellos cf	2	1	0	0
c, rf	3	1	1	1	Landers p	2	0	0	0
Scully lf	1	1	1	0					
Knurek rf	1	0	0	0					
Steers p	0	0	0	0					
	21	7	15	7	Totals	21	9	15	9
Innings:	1	2	3	4	5	R	H	E	
Trinity	1	2	1	1	0	5	9	7	
Tech	3	2	0	0	0	5	7	2	

either of the other meets this year, but he only was allowed a third. The discus, hammer, and shot were unusually good also.

Grant Turns Ankle

In the mile, Bob Grant dropped out in the third lap leaving Dayt Brown to force his way in third. Grant was evidently in great pain, but whether a pulled muscle was the cause or not, is not known. He broke stride in the first lap when he turned his ankle on the backstretch.

The summary:

100-yard dash—Won by Smith (W); 2nd, Stayman (W); 3rd, Ekstrom (W). Time 10:1 secs.

220-yard dash—Won by Stayman (W); 2nd, Smith (W); 3rd, Ekstrom (W). Time 22:4 secs.

440-yard run—Won by Ekstrom (W); 2nd, Byron (B); 3rd, Herlihy (B). Time 52:1 secs.

880-yard run—Won by Wilson (W); 2nd, Goodie (B); 3rd, Byron (B). Time 2 mins. 2-10 secs.

One mile run—Won by Goodie (B); 2nd, MacPartlin (B); 3rd, Brown (W). Time 4 mins. 42 8-10 secs.

Two-mile run—Won by Cameron (W); 2nd, Winston (W); 3rd, Henley (B). Time, 10 mins. 8 secs.

120-yard high hurdles—Won by Smith (4); 2nd, Floring (B); 3rd, Schoen (W). Time 15:8 secs.

220-yard low hurdles—Won by Smith (W); 2nd, Herlihy (B); 3rd, Schoen (W). Time 25:8 secs.

High jump—Won by Williams (B), height 5 feet 10 inches; 2nd, Underwood (W); tie for third between Floring (B) and Henley (B).

Broad jump—Won by Herlihy (B), distance 21 feet 6 inches; 2nd, Farnsworth (W); 3rd, Henley (B).

Shot put—Won by Mover (B), distance 40 feet 10 1/2 inches; 2nd, Stabile (B); 3rd, Wiley (W).

Pole vault—Won by Dewsnap (B), height 10 feet 6 inches; 2nd, Kennedy (W); 3rd, Toth (W).

Discus—Won by Natti (B), distance 111 feet 10 inches; 2nd, Chase (W); 3rd, Mover (B).

Hammer throw—Won by Saarnijoki (W), distance 106 feet, 1/2 inch; 2nd, Wiley (W); 3rd, Giblin (B).

Javelin—Won by Williams (B), distance 172 feet 1 1/2 inch; 2nd, Natti (B); 3rd, Ferguson (W).

The lineup:

NORTHEASTERN					TECH				
ab	h	r	e		ab	h	r	e	
Colt lf	4	1	2		Carroll lf	3	1	0	
Cunningham rf	3	2	1		Jasper rf	3	2	2	
Labowicz rf	1	0	0		Kingsley ss	3	0	2	
Simon cf	5	2	3		McNamara lb	4	0	1	
Pajonas ss	5	2	1		Scott c	5	0	0	
Sullivan c	4	2	2		Oneglia 2b	2	0	0	
Khederian 3b	5	2	2		Stone 2b	3	0	2	
Antinorelli, lb	5	0	1		Lipovsky 3b	5	0	0	
Azzone 2b	3	0	0		Bellos cf	5	2	1	
Trulson 2b	2	0	0		Matthews p	1	1	0	
Foster p	1	0	0						
Colle p	2	1	1						
Boutelle p	1	0	0						
Manning p	0	0	0						
DelGrosso p	0	0	0						
Rice p	0	0	0						
Totals	41	12	13		Totals	34	6	8	
						R	H	E	
Northeastern						12	13	2	
Worcester Tech						6	8	4	

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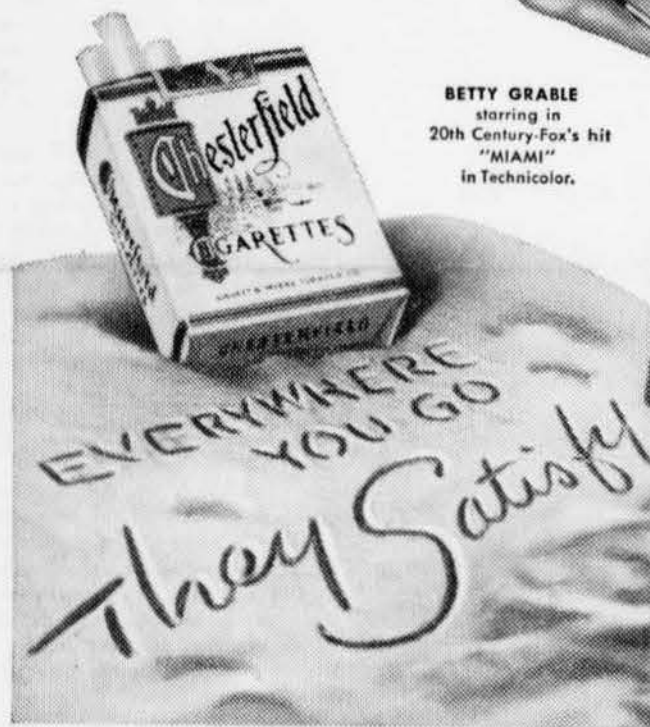
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Golfers Split

(Continued from Page 2, Col. 4)

Jack Carey defeated Ken Hunt one up with a one over par score, while Vic Thulin lost to MacDougal, 4-2. The doubles match went to Trinity, 3-2. It was a hard fought match, and could have gone to either side.

Freshman Scholarships

(Continued from Page 1, Col. 5)

Robert F. Duffy, Phillip S. Koki, Robert W. Lewis, Walter P. Matzelevich, Roger P. Roberge, George W. Gregory, William S. Taylor, Jr., of 1049 Southbridge Street won the Worcester County Alumni Association Scholarship, which is awarded annually to one member of the incoming freshman class from Worcester County.

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